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TITLE : COMPOSITION FOR ORAL CAVITY FOR INHIBITION OF ADHESION OF DENTAL
CARIES BACTERIA TO TOOTH AND THEIR ELIMINATION

ABSTRACT : PURPOSE: To provide the title composition effective for the inhibition of adhesion of dental caries bacteria to teeth and their elimination, capable of suppressing bacterial plaque formation, thus leading to prevention of dental caries, containing, as active ingredient(s), polysaccharide(s) such as funoran, ι- carrageenan, furcellaran or gellan gum.

CONSTITUTION: The objective composition for oral cavity having the above- mentioned advantages containing, as active ingredient(s), (A) funoran, a mucous polysaccharide, low in gelling power, having a considerable number of sulfate groups, obtained by hot water extraction of Gloiopeltis, (B) ι-carrageenan capable of forming an extremely hard gel by ester-type sulfate group or Ca²⁺ ion, obtained by hot water extraction of Gigartinales, Solieria robusta, Hypnea charoides or Constantinea rosa-marina, (C) furcellaran obtained by hot water extraction of Furcellaria-fastigiata, and (D) gellan gum obtained by fermentation of corn syrup using microorganisms Pseudomonas living in waterweeds.

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